Index of Claims

Application/Control No.

10/632,342

Examiner

Michael Pak

Applicant(s)/Patent under Reexamination

MAKIELSKI ET AL.

**Art Unit** 

1646

Rejected Allowed

(Through numeral) Cancelled ÷

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

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| Cia  | .:                         | Data                      |   |          |          |          |          |  |          |                 |
| Claim Date                                       |                            |                           |   |          |          |          |          |  |          |                 |
| Final  | Original                   | 90/6/11                   |   |          |          |          |          |  |          |                 |
|  | 1                          | 1                         |   |          |          |          |          |  |          | П               |
|  | 2<br>3<br>4<br>5<br>6      | V                         |   |          |          |          |          |  |          | П               |
|  | 3                          | N                         |   |          |          |          | Г        |  |          |                 |
|  | 4                          |                           |   |          |          |          |          |  |          |                 |
|  | 5                          | Ш                         |   |          |          |          |          |  |          |                 |
|  | 6                          | b                         |   |          |          |          | <u> </u> |  |          |                 |
| <u> </u>   | 7                          | V                         |   |          |          |          | <u> </u> |  |          | Ш               |
| <u> </u>   | 8<br>9                     | h                         |   | _        |          |          | <u> </u> |  |          | Щ               |
|  | 9                          | N                         |   | _        |          | _        | <u> </u> | Ш  | H        | Н               |
| -  | 10                         | X                         |   |          | _        |          | ⊢        | H  |          |                 |
| $\vdash$   | 11                         | K                         |   | -        |          |          | $\vdash$ | $\vdash$   | H        | $\vdash \vdash$ |
| $\vdash$   | 12                         | M                         |   | H        | H        | H        | $\vdash$ | $\vdash$   |          | $\vdash$        |
|  | 14                         | 12                        |   |          | H        |          | -        | -  |          | $\vdash$        |
|  | 12<br>13<br>14<br>15       | Š                         |   | Н        | $\vdash$ | Т        | $\vdash$ | <del>                                     </del> | $\vdash$ |                 |
|  | 16                         | Ž                         |   |          |          |          |          |  |          | Н               |
|  | 16<br>17                   | 0                         |   |          | Г        |          |          |  |          | П               |
|  | 18                         | 0                         |   |          |          |          |          |  |          |                 |
|  | 19                         | V                         |   |          |          |          |          |  |          |                 |
|  | 20                         | V                         |   |          |          |          |          |  |          |                 |
| <u> </u>   | 21                         | V                         |   |          |          |          |          |  |          |                 |
| <u> </u>   | 19<br>20<br>21<br>22<br>23 | Ň,                        |   |          |          |          | _        | <u>L</u>   | _        | Щ               |
|  | 23                         | V                         |   |          |          |          |          |  |          |                 |
| L  | 24<br>25<br>26             | 1                         |   |          |          | _        | <u> </u> | _  |          | Щ               |
| <u> </u>   | 25                         | X                         |   |          | _        | _        | _        | -  | $\vdash$ | $\vdash$        |
|  | 20                         | 7                         |   | _        |          | _        | <u> </u> | <u> </u>   | H        |                 |
| -  | 27                         | X                         |   |          | _        | _        | $\vdash$ | ⊢  | -        | $\vdash$        |
| <u> </u>   | 28<br>29                   | S                         |   |          |          |          | ┝╾       | $\vdash$   |          | $\vdash$        |
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| F  | 31                         | 7                         |   |          |          |          | $\vdash$ | <u> </u>   | H        | Н               |
|  | 32                         | $\dagger \dagger \dagger$ |   | Т        |          |          | $\vdash$ | 1  |          | H               |
|  | 33                         | 111                       |   |          | П        |          | Г        |  | $\vdash$ | П               |
|  | 34                         |                           |   |          |          |          |          |  |          |                 |
|  | 35                         | П                         |   |          |          |          |          |  |          |                 |
|  | 36                         | Ш                         |   |          |          |          |          |  |          |                 |
|  | 37                         | Щ                         |   | _        |          |          | <u> </u> | <u> </u>   | <u> </u> | Щ               |
|  | 38                         | Ш                         |   | _        | <u> </u> | L        | L.,      | L_   | <u> </u> | Щ               |
| <u> </u>   | 39                         | HH                        |   | _        | $\vdash$ | _        | <u> </u> | <u> </u>   | <u> </u> | dash            |
| <u> </u>   | 40<br>41                   | HH                        | - | -        | H        | -        | <u> </u> | H  | ├-       | $\vdash \dashv$ |
| <u> </u>   | 42                         | H                         |   | -        | H        | -        | ├        | $\vdash$   | $\vdash$ | $\vdash \vdash$ |
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| <del>                                     </del> | 44                         | ╫┤                        | _ | $\vdash$ | H        | $\vdash$ | $\vdash$ | -  | -        | $\vdash \vdash$ |
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| -  | 46                         | Н                         | _ |          |          | _        | $\vdash$ | $\vdash$   | Н        | Н               |
|  | 47                         | #                         |   | -        |          |          | $\vdash$ | Н  | $\vdash$ | Н               |
|  | 48                         |                           |   |          | П        |          | Г        |  | Т        | П               |
|  | 49                         |                           | _ |          |          |          |          |  |          |                 |
|  | 50                         | N                         |   |          |          |          |          |  |          |                 |
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| Claim            |          | Date          |          |  |   |              |          |          |            |              |  |
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| <u> </u>         |          |               |          |  |   |              | Ť        |          |            | Г            |  |
| <del>     </del> | Original |               |          |  |   |              |          |          |            |              |  |
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|                  | 51<br>52 |               | _        | <u> </u>   |   | <u> </u>     | -        | -        | _          | _            |  |
|                  | 52       |               |          | -  |   |              |          | <u> </u> | $\vdash$   | <u> </u>     |  |
| <u> </u>         | 53<br>54 |               |          | _  |   | L            | _        | <u> </u> | _          | _            |  |
|                  | 54       |               |          | L  | _   |              | _        | _        |            | ļ            |  |
|                  | 55       | $\perp$       | _        | L.   | _   | _            | _        |          |            | L.           |  |
|                  | 56<br>57 |               |          | _  |   |              | L        |          |            | $oxed{oxed}$ |  |
|                  | 57       |               |          | <u> </u>   |   | <u> </u>     |          | ļ        |            | Щ            |  |
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|                  | 59       |               |          |  |   |              |          | L        |            |              |  |
|                  | 60       |               |          |  |   |              |          |          |            |              |  |
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|                  | 63       |               |          |  |   |              |          |          |            |              |  |
|                  | 64<br>65 |               |          |  |   |              |          |          |            |              |  |
|                  | 65       |               |          |  |   |              |          |          |            |              |  |
|                  | 66       |               |          |  |   | Г            |          |          |            |              |  |
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| $\vdash$         | 72       |               |          |  | -   | $\vdash$     |          | -        |            |              |  |
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|                  | 74       |               |          | -  | $\vdash$  | Н            |          | -        |            |              |  |
| <u> </u>         | 75       |               | _        | -  | $\vdash$  | H            |          | -        | -          | _            |  |
| -                | 76       | _             |          | -  | -   | -            | -        |          |            |              |  |
| -                | 76<br>77 |               | _        | ⊢  | _   |              | _        | -        |            | _            |  |
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| -                | 78<br>79 |               |          | _  |   |              |          |          | _          |              |  |
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|                  | 80       |               |          | ┡  |   |              |          |          |            | _            |  |
| <u> </u>         | 81<br>82 | _             |          | <u> </u>   |   | _            |          |          |            |              |  |
| <u> </u>         | 82       |               |          | _  |   |              |          | _        |            |              |  |
| ļ                | 83       | L.            | _        | <u> </u>   | <u> </u>  | L.,          |          | Ш        | lacksquare | L_           |  |
|                  | 84       | Щ             |          |  | L.,   | L            | Ш        |          | L.,        |              |  |
| <u> </u>         | 85       |               | _        | <u> </u>   | _   | <u> </u>     | L        | L_       | _          | <u> </u>     |  |
| <u> </u>         | 86       | Ь.            |          | L_   | oxdot   | lacksquare   | L.       | <u> </u> | _          |              |  |
| <u> </u>         | 87       |               |          | <u> </u>   | <u> </u>  | <u> </u>     |          |          | L          | L            |  |
| ·                | 88       |               |          | $oxed{oxed}$                                     | $ldsymbol{ld}}}}}}$ | $oxed{oxed}$ |          | L        |            | <u> </u>     |  |
|                  | 89       |               |          |  | L.  |              |          |          |            | L            |  |
|                  | 90       |               | L        | <u>L</u>   |   |              |          |          |            |              |  |
|                  | 91       |               | L        |  |   |              |          |          |            | L            |  |
|                  | 92       |               |          |  |   |              |          |          |            |              |  |
|                  | 93       |               |          |  |   |              |          | Ĺ        |            |              |  |
|                  | 94       |               |          |  |   |              |          |          |            |              |  |
|                  | 95       |               | Г        |  |   |              |          | •        |            |              |  |
|                  | 96       |               |          |  | Г   |              |          |          |            |              |  |
|                  | 97       |               |          |  |   |              |          | П        |            |              |  |
|                  | 98       | Н             |          |  |   |              | Т        |          | П          | Т            |  |
|                  | 99       | М             | $\vdash$ | Т  | Н   |              | Т        |          | _          | Н            |  |
|                  | 100      |               |          | Н  | Н   |              | $\vdash$ | _        | _          | Н            |  |
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| Claim |                   | Date     |              |  |              |  |          |  |          |                |
|-------|-------------------|----------|--------------|--|--------------|--|----------|--|----------|----------------|
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| Final | Original          |          |              |  |              |  |          |  |          |                |
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|       |                   |          |              | _  |              |  |          |  |          | Щ              |
| _     | 101<br>102        |          | _            | ldash  |              | <u> </u>   |          |  |          | Ш              |
|       | 102               |          |              | _  |              |  | <u> </u> |  |          | Ш              |
|       | 103               |          |              | _  |              |  | <u> </u> |  |          |                |
|       | 104<br>105        |          | $\vdash$     |  | -            | <u> </u>   | <u> </u> |  |          |                |
|       | 106               |          | -            | ┝  | -            | ┝  | -        |  | H        |                |
|       | 107               |          | -            | -  |              | <u> </u>   | <u> </u> |  |          | H              |
|       | 107<br>108        |          | <u> </u>     | $\vdash$                                     |              | $\vdash$   |          |  |          | $\dashv$       |
|       | 109               |          | <u> </u>     |  |              |  |          |  |          |                |
|       | 110               |          |              | Г  |              |  |          |  |          |                |
|       | 111               |          |              |  |              |  |          |  |          |                |
|       | 112               |          |              |  |              |  |          |  |          |                |
|       | 112<br>113<br>114 |          |              |  |              |  |          |  |          |                |
|       | 114               |          |              |  |              |  |          |  | $\Box$   |                |
|       | 115<br>116        |          | _            | _  |              | <u> </u>   | <u> </u> | Щ  | Щ        | Щ              |
|       | 116               | ļ        | ļ            | <u> </u>                                     | L            | <u> </u>   | Ļ        | <u> </u>   | <u> </u> | Щ              |
|       | 117               | _        | $\vdash$     | <u> </u>                                     | _            | <u> </u>   |          | $\vdash$   | $\vdash$ |                |
|       | 118<br>119        |          | <u> </u>     | -  | -            |  | _        |  |          | $\vdash$       |
|       | 120               | _        |              | _  | _            | $\vdash$   | <u> </u> |  |          | -              |
|       | 120               |          |              |  |              | -  |          |  | -        | -              |
|       | 121<br>122        |          | _            | <del> </del>                                 | —            | -  | _        | -  | $\vdash$ | $\dashv$       |
|       | 123               | -        | _            | _  | _            | -  | -        |  | H        | H              |
|       | 123<br>124<br>125 |          |              | H  |              |  |          |  |          | $\vdash$       |
|       | 125               |          |              |  |              |  |          |  |          | П              |
|       | 126               |          |              |  |              |  |          |  |          |                |
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|       | 126<br>127<br>128 |          |              |  |              |  |          |  |          |                |
|       | 129<br>130<br>131 |          | <u> </u>     | <u> </u>                                     |              | L  |          | L  |          | Ш              |
|       | 130               |          | L.           | <u> </u>                                     |              | L  |          |  |          | Ш              |
|       | 131               |          | _            | _  |              |  | ļ        |  | _        |                |
|       | 132<br>133        | _        | $\vdash$     | _  | L            | <u> </u>   | <u> </u> | $\vdash$   | $\vdash$ | Ш              |
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| -     | 134               | -        | <del> </del> | ├-   | <u> </u>     | <del> </del>                                     | $\vdash$ | $\vdash$   | $\vdash$ | $\dashv$       |
|       | 136               |          | $\vdash$     | $\vdash$                                     | $\vdash$     | $\vdash$   | $\vdash$ | <del>                                     </del> | -        | $\vdash$       |
|       | 137               |          | $\vdash$     | $\vdash$                                     | <del> </del> | <del>                                     </del> | ┢┈       | <del>                                     </del> |          | H              |
|       | 137<br>138        | -        | H            | T  | -            |  | <u> </u> | <u> </u>   |          | $\vdash$       |
| -     | 139               |          |              |  |              |  |          |  |          | П              |
|       | 140               |          |              |  |              |  |          |  |          |                |
|       | 141               |          |              |  |              |  |          |  |          |                |
|       | 142               |          | L.           |  |              |  |          |  |          |                |
|       | 143               |          | _            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _            | L  | L        | L  | L        | Ш              |
|       | 144               |          | L            | ldash  | <u> </u>     | _  | <u> </u> | <u> </u>   | L        | Щ              |
|       | 145               | L.,      | <u> </u>     | ┞  | L.           | <u> </u>   | <u> </u> | L.,  | $\vdash$ | Щ              |
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|       | 147               | _        | $\vdash$     | $\vdash$                                     | <u> </u>     | ├-   | -        | <u> </u>   | <u> </u> | Ш              |
|       | 148               |          | <u> </u>     | ├-   | $\vdash$     | <u> </u>   | <u> </u> | $\vdash$   | $\vdash$ | $\vdash\vdash$ |
|       | 149<br>150        | $\vdash$ |              |  | _            | ⊢  | <u> </u> | $\vdash$   | $\vdash$ | $\vdash$       |
|       | 130               | <u> </u> | <u> </u>     | <u> </u>                                     |              |  | L        | Ц_   | لـــــا  | LJ             |